Table S2. Hazard ratios (HRs) and 95% confidence intervals (CIs) for the association between age at thelarche and incident breast cancer in the Sister Study cohort stratified by characteristics associated with age at thelarche

	Age at thelarche													P-het[a]	Continuous Per 1-year later		P-het[b]
	<10 years			10-11 years			12-13 years			>13 years							
	N cases	HR	95% CI	N cases	HR	95% CI	N cases	HR	95% CI	N cases	HR	95% CI		HR	95% CI	
Birth cohort[c]													0.64			0.52
1928-1939	16	1.42	0.85, 2.35	109	0.87	0.70, 1.09	282	1	Referent	79	0.85	0.66, 1.10		0.99	0.93, 1.05	
1940-1949	41	1.04	0.76, 1.43	364	1.09	0.96, 1.24	641	1	Referent	180	0.92	0.78, 1.09		0.98	0.94, 1.01	
1950-1959	50	1.42	1.06, 1.89	315	1.07	0.93, 1.23	564	1	Referent	171	0.91	0.77, 1.09		0.95	0.91, 0.98	
1960-1974	28	1.19	0.80, 1.76	133	0.93	0.75, 1.14	238	1	Referent	84	0.88	0.69, 1.14		0.98	0.93, 1.04	
Race/ethnicity[d]													0.64			0.63
Non-Hispanic white	105	1.26	1.03, 1.53	772	1.00	0.92, 1.09	1517	1	Referent	438	0.91	0.82, 1.01		0.98	0.95, 1.00	
Non-Hispanic black	16	1.04	0.62, 1.76	78	1.17	0.87, 1.57	111	1	Referent	45	0.94	0.67, 1.34		0.95	0.89, 1.02	
Hispanic	10	1.46	0.74, 2.88	38	1.11	0.72, 1.69	54	1	Referent	19	0.93	0.55, 1.58		0.97	0.87, 1.09	
Other	4	1.16	0.41, 3.27	33	1.39	0.88, 2.21	43	1	Referent	12	0.63	0.33, 1.21		0.91	0.80, 1.03	
Weight relative to peers at age 10[e]													0.79			0.82
Same weight or lighter	81	1.26	1.01, 1.58	712	1.05	0.96, 1.15	1521	1	Referent	478	0.88	0.79, 0.98		0.96	0.94, 0.98	
Heavier	54	1.43	1.05, 1.93	208	1.09	0.89, 1.32	201	1	Referent	36	1.01	0.70, 1.45		0.95	0.90, 1.01	
Height relative to peers at age 10[e]													0.62			0.57
Same height or shorter	74	1.27	1.00, 1.61	588	1.05	0.95, 1.15	1213	1	Referent	380	0.93	0.83, 1.04		0.97	0.94, 1.00	
Taller	61	1.10	0.84, 1.44	333	0.95	0.83, 1.09	510	1	Referent	134	0.85	0.70, 1.03		0.98	0.95, 1.02	

No violations of proportional hazards assumption for any of the exposures of interest.
[a]P for heterogeneity from joint Wald test using fully adjusted Cox model
[b]P for heterogeneity from Wald or joint Wald test using fully adjusted Cox model
[c]Adjusted for attained age, race/ethnicity and family income level growing up
[d]Adjusted for attained age and family income level growing up and stratified by birth cohort
[e]Adjusted for attained age, race/ethnicity and family income level growing up and stratified by birth cohort